

Com.muniquette Everywhere connectivity



mobile[solutions]

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Com.muniquette is the easiest way to get telecommunication services to premises that cannot be reached by telephone landlines, but where there is adequate cellular telephone coverage. Through the GSM network, Com.muniquette allows you to make/receive calls from common telephones, PBX, fax, modem, without difference with respect to a standard PSTN line.

TECHNICAL FEATURES

GSM performances:

Dual Band GSM
RF power class 4 (2w) for egsm900; class 1 (1w) for GSM1800
Voice and urgency calls TCH/FS
Voice half rate (HR), full rate (FR), enhanced full rate (EFR)
Fax automatic group 3 (class 1,2)
Data transmission GSM (9600bps uplink, 9600bps downlink), CSD up to 14.4kbps, USSD, nontransparent mode, v.110

Fax service (via au interface):

Transmission and reception group 3 compliant with ITU-T T.4 and t.30

Modem data service (via AU interface):

Transmission speed 9600bps (modem-com.muniquette local connection up to v.90)

Features of the PSTN connection point (AU):

Interface RJ-11 4/6 connector + 2-pole terminal
Call mode originated call (MOC); terminated call (MTC)
Input dialling decadic or DTMF
Compliant with etsi eg 201 185
Call current level (ring) 35 V rms \pm 10% + 38V offset
Call current frequency 25hz \pm 5%
Call current modulation 1,0s emission; 4,0s silent
Local tone frequency 425hz \pm 1%
Local tone modulation accuracy (emission / silence) \pm 1%
Loop current =26ma with 0? of line resistance
PSTN connection point characteristic impedance 750 Ohm // 150nF + 270 Ohm
Maximum telephone line length 500 m (depending on the number of connected devices)

Power consumption:

Average consumption 85mA stand-by; 350mA call mode (@12Vdc)

External connections:

Telephony (PSTN connection point) connector Rj11
GSM antenna SMA female connector (50 Ohm)
Power supply input two modes: 230Vac 50/60Hz or 12Vdc, 1A

Physical description:

Sizes 220mm x 170mm x 50mm
Weight (battery included) 1400g
Operating temperature from 20°C to +55°C
Umidity from 0 to 95% not condense

Com.muniquette is an M2M One Idea

from
Siemens
Wireless Modules Italy

More information about M2M One in Italy:
www.siemens.it/m2mone